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Fabrication gaps in Canadian Industry

[1962]





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Foreword

Canadian import data, showing the value of hundreds of products absorbed into the Canadian economy from other countries, are published annually by the Trade and Industry Branch of the Ontario Department of Economics and Development. Statistics in this booklet cover the period 1959-1962.

These statistics have proven their value because they indicate possible opportunities for the manufacture of new products and the establishment of new industries, not only by Canadians, but also by British, American and European manufacturing firms.

In 1962, Canada imported \$6.3 billion worth of goods and, as in the past, most of these imports were in fully manufactured form. As shown on the opposite page, some 77 per cent of products imported into Canada were fully fabricated.

While the volume of this type of import is excessively high, it also represents a prime target area for industrial opportunities. Canadian manufacturers, for a variety of reasons, cannot hope to fabricate all of the products that are made in this country. They have shown repeatedly, however, that they can reduce the number of Canadian imports by replacing them with domestic manufacture.

With the steady expansion of Canadian industrial output due to import replacement, it is well to note that the approximately \$5 billion worth of fully manufactured goods still imported annually represents a continuing source of choice industrial opportunities and a challenge to Canadian ingenuity and skills.

To assist Canadian as well as American, United Kingdom and European manufacturers in making a full assessment of the Canadian market potential, the Trade and Industry Branch provides a free, professional advisory service to any firm interested in acquiring new products, opening a branch plant or working out a manufacturing arrangement.

Imports into Canada by main commodity groups and percentage degree of fabrication

1959 to 1962

main group	year	value in \$ millions	raw materials %	degree of fabrication	
				partially manufactured %	fully manufactured %
I Agricultural and Vegetable Products	1959	684.0	46	17	37
	1960	679.8	48	15	37
	1961*	702.0			
	1962*	754.5			
II Animals and Animal Products	1959	146.6	50	15	35
	1960	141.2	50	13	37
	1961*	152.4			
	1962*	155.6			
III Fibres, Textiles and Textile Products	1959	420.2	15	5	80
	1960	432.0	17	5	78
	1961*	458.5			
	1962*	482.0			
IV Wood, Wood Products and Paper	1959	272.3	4	25	71
	1960	266.1	6	19	75
	1961*	286.0			
	1962*	302.1			
V Iron and Iron Products	1959	2,092.1	1	1	98
	1960	2,046.3	2	2	96
	1961*	2,024.3			
	1962*	2,262.7			
VI Non-Ferrous Metals and Products	1959	471.3	10	6	84
	1960	471.0	12	7	81
	1961*	514.3			
	1962*	599.0			
VII Non Metallic Minerals and Products	1959	705.6	57	2	41
	1960	669.0	59	2	39
	1961*	681.0			
	1962*	710.9			
VIII Chemicals and Allied Products	1959	327.0	—	—	100
	1960	338.7	—	—	100
	1961*	371.2			
	1962*	395.3			
IX Miscellaneous Commodities	1959	389.9	—	—	100
	1960	439.0	—	—	100
	1961*	578.9			
	1962*	595.7			
TOTAL IMPORTS	1959	5,508.9	17	5	78
	1960	5,482.7	18	5	77
	1961*	5,768.6			
	1962*	6,257.8			

— Dash indicates zero percent.

* Degree of fabrication not available.

Major individual items in each of the main groups

Dollar value of imports and major sources

1959 to 1962

AGRICULTURAL AND VEGETABLE PRODUCTS:	1959	1960	1961	1962	
	(millions of dollars)				major source
Tomato paste, canned	2.2	2.8	3.0	3.5	Italy
Pickles	1.9	1.8	1.7	2.1	U.S.
Cereal foods	1.2	1.3	1.7	1.0	U.S.
Biscuits	6.2	6.3	6.5	5.5	U.K.
Confectionery, chocolate	5.0	5.4	4.9	3.4	U.K.
Confectionery, sugar candy	5.1	6.0	6.3	5.5	U.K.
Whisky	7.9	7.6	7.6	7.9	U.K.
Wines	6.1	6.5	7.5	8.2	France
Rubber mats and matting	1.6	1.6	1.5	1.3	U.S.
Weatherstripping of rubber	.9	.9	1.0	1.4	U.S.
Hose, rubber or rubberlined	2.4	2.6	2.7	2.8	U.S.
Manufactures of rubber, n.o.p.	6.2	6.8	7.4	8.0	U.S.
Automotive parts of rubber	2.0	2.4	2.6	3.5	U.S.
*Tires for trucks and buses				4.2	U.S.
*Rubber and plastic footwear, n.o.p.				1.2	Japan
*Rubber waterproof footwear				3.5	Japan
*Utility footwear, fabric tops				3.7	Japan

II ANIMALS AND ANIMAL PRODUCTS:

Sausage casings	3.4	3.7	4.2	6.4	N.Z.
Beef and veal, fresh	7.4	6.4	6.4	8.5	Aust.
Beef, canned	5.4	3.3	5.0	3.9	Aust.
Cheese	6.0	6.5	7.6	7.6	Italy
Dressed leather	4.2	5.2	4.4	4.7	U.K.
*Boots and shoes, men's and boys				4.6	U.K.
*Boots and shoes, women's and girls				4.8	U.K.
*Footwear, n.o.p.				11.5	U.S.
*Slippers and house footwear				1.9	Japan

III FIBRES, TEXTILES AND TEXTILE PRODUCTS:

Cotton denims	1.5	1.7	1.3	1.5	U.S.
Cotton cheesecloth and gauze	3.3	2.5	2.8	3.1	U.S.
Cotton fabric, knitted	1.4	1.6	1.6	1.9	U.S.
Cotton fabric cut, weft pile	2.9	4.3	5.4	4.5	Japan
*Lace, embroideries bobbinet, n.o.p.				5.3	U.S.
Cotton sheets	1.8	1.6	1.6	1.4	U.S.
Cotton towels	3.1	2.8	2.0	1.4	U.S.
Cotton pillow cases	.9	1.0	1.1	1.1	Japan
Fabrics, jute unbleached, n.o.p.	12.1	11.7	15.0	18.5	India

n.o.p. — not otherwise provided for.

* Due to reclassification, annual totals are not available prior to 1962.

FIBRES, TEXTILES AND TEXTILE PRODUCTS (continued)	1959	1960	1961	1962	major source
	(millions of dollars)				
Sheets, tablecloths, towels, flax	1.2	1.4	1.3	1.2	U.K.
Synthetic yarns, thread, n.o.p.	2.2	1.7	1.8	2.6	U.S.
Synthetic staple fibres	5.2	5.0	6.0	7.6	U.S.
Ribbons of synthetic fibres	1.3	1.2	1.8	2.7	U.S.
Synthetic curtains and manufacturers, n.o.p.	7.7	7.8	8.1	8.6	U.S.
Cotton fabrics coated, n.o.p.	5.2	5.4	6.4	7.1	U.S.
Synthetic fabrics, fibre coated	4.2	5.1	6.5	6.6	U.S.
Headwear, n.o.p.	1.8	1.7	1.6	1.7	U.S.
*Flannels, flannelette				5.3	U.S.
*Knitted fabrics wool, n.o.p.				3.9	U.K.
*Woollen fabrics				8.8	U.K.
*Worsted fabrics				15.4	U.K.
*Yarns from polyamides nylon				8.0	U.S.
Synthetic yarns for tire fabric	2.5	1.1	1.7	.9	U.S.
Synthetic fibre fabrics, n.o.p.	24.2	23.9	24.5	29.3	U.S.
Oilcloth and floor linoleum	7.8	7.1	4.3	3.8	U.S.
Corsets, girdles and brassieres	1.4	1.4	1.2	.9	U.S.
Synthetic fibre manufactures, n.o.p.	6.6	6.9	7.2	7.7	U.S.

IV WOOD, WOOD PRODUCTS AND PAPER:

Building and insulating board	4.8	4.9	1.3	.8	U.S.
Electric cable insulating paper	1.4	1.4	1.2	1.8	U.S.
Furniture, mainly of wood	10.5	10.6	11.5	10.7	U.S.
Hardwood flooring	3.4	1.7	1.7	1.6	U.S.
Manufactures of paper, n.o.p.	7.2	7.5	8.0	8.4	U.S.
Manufactures of wood, n.o.p.	6.1	5.5	6.6	6.5	U.S.
Paperboard containers, n.o.p.	3.5	3.6	4.1	4.5	U.S.
Photographers papers	4.3	5.2	6.4	8.2	U.S.
Plywood and veneer	16.7	8.8	11.8	16.3	Japan
Pulpwood other, fibreboard, n.o.p.	2.1	1.9	2.3	2.5	U.S.
Pulpwood for manufacture of wallboard	1.8	1.3	2.5	2.8	U.S.
Shipping containers	.9	1.0	1.0	.7	U.S.
Sulphite pulp, bleached, n.o.p.	1.3	1.6	1.1	.9	U.S.
Sulphite pulp, unbleached	2.8	3.2	3.3	3.5	U.S.

n.o.p. — not otherwise provided for.

* Due to reclassification, annual totals are not available prior to 1962.

V IRON AND ITS PRODUCTS:	1959	1960	1961	1962
	(thousands of dollars)			
(A) SUB-CLASSIFICATIONS OF THE MAIN GROUP				
Castings and forgings	12,575	8,465	7,924	10,416
Chains	6,098	5,698	5,758	8,131
Engines and boilers	135,002	141,418	182,574	178,878
Farm implements and machinery	273,821	228,660	231,623	253,730
Ferro-alloys	7,100	8,863	8,099	8,978
Hardware and cutlery	28,360	25,263	26,443	34,935
Iron ore	27,129	48,370	47,433	56,324
Machinery except agricultural	585,233	579,792	593,245	654,552
Pigs, ingots, blooms and billets	3,445	4,600	1,641	2,459
Rolling mill products	137,331	134,758	111,908	106,222
Scrap, iron and steel	23,803	18,598	11,743	12,619
Stamped and coated products	14,667	13,349	14,885	15,714
Tools and hand implements	36,517	34,279	37,911	43,608
Tubes, pipes and fittings	55,305	48,405	46,092	49,497
Vehicles, chiefly of iron	534,907	555,027	496,921	582,221
Other — iron and its products	188,441	170,862	170,886	196,416
	2,092,093	2,046,307	2,025,438	2,214,790

(B) SELECTED ITEMS FROM THE MAIN GROUP	1959	1960	1961	1962	major source
	(millions of dollars)				
Steel wheels for railways	4.1	1.4	.5	.3	U.K.
Welding rods of all kinds	4.4	4.0	3.5	4.0	U.S.
Steel bars hot and cold rolled	18.9	14.9	19.8	25.5	U.S.
Plates	12.6	14.2	12.3	14.5	U.S.
Sheets, carbon hot rolled	6.8	4.6	3.9	4.0	U.S.
Sheets, carbon cold rolled	9.2	5.7	5.2	4.4	U.S.
Sheets, coated	10.5	9.9	8.5	9.5	U.S.
Sheets, alloy steel, n.o.p.	8.3	12.6	10.5	15.1	U.S.
Sheet and strip silicon steel	7.2	6.1	7.0	8.8	U.S.
Beams, bars and structural shapes	58.7	58.8	38.8	23.6	U.S.
Pipes and tubes	44.2	36.6	34.4	36.9	U.S.
Pipe fittings and couplings	11.1	11.6	11.7	12.6	U.S.
Wire for manufacture of wire rope	4.7	4.8	4.0	5.0	U.K.
Engines, diesel and semi-diesel, n.o.p.	22.5	15.5	16.9	19.7	U.S.
Diesel engine parts, n.o.p.	16.4	13.4	13.4	19.5	U.S.
Boilers and parts	3.5	2.8	2.6	2.6	U.S.
Automobile engine and parts	11.7	14.2	16.0	30.5	U.S.
Motor truck engines and parts	14.1	11.8	12.5	16.2	U.S.
Aircraft engines	13.6	22.7	44.9	22.2	U.K.
Aircraft engine parts	23.7	27.8	50.7	35.3	U.S.
Outboard motors and parts	9.0	9.2	7.2	10.1	U.S.
Gas, engines, n.o.p., and parts	13.5	16.0	12.8	15.2	U.S.
Steam engines, n.o.p., and parts	2.5	2.3	1.8	2.6	U.S.
Milking machines and parts	2.1	2.1	2.6	2.5	U.S.
Power dairy machinery	3.0	2.5	3.5	3.7	U.S.
Harvesters and parts	2.8	2.7	2.5	3.1	U.S.
Mowing machines and parts	3.9	3.2	3.4	3.4	U.S.
Cultivators, scufflers and parts	7.2	7.2	7.8	8.5	U.S.
Seeders, seed drills and parts	2.2	2.4	1.6	2.4	U.S.

n.o.p. — not otherwise provided for.

IRON AND ITS PRODUCTS (continued)	1959	1960	1961	1962	
	(millions of dollars)				major source
Disc harrows and parts	1.6	1.4	1.8	2.6	U.S.
Ploughs and parts, n.o.p.	3.1	2.4	2.8	3.2	U.S.
Combines, harvesters and parts	27.0	25.3	20.0	28.2	U.S.
Hay presses and parts	10.3	11.1	9.7	12.3	U.S.
Manure spreaders and parts	3.2	2.6	2.7	3.6	U.S.
Spraying and dusting machines	2.0	2.1	2.4	2.5	U.S.
Tractors, internal combustion	115.2	83.3	89.3	92.4	U.S.
Tractor parts and accessories	56.8	48.2	46.6	47.9	U.S.
Agricultural implements, n.o.p., and parts	19.9	20.5	22.9	24.6	U.S.
Nuts and bolts, washers and rivets	7.2	5.9	5.8	9.0	U.S.
Machine and other screws, n.o.p.	2.7	2.7	2.8	4.0	U.S.
Electric vacuum cleaners	5.4	4.0	3.9	3.6	U.S.
Hand vacuum cleaners and parts	2.9	2.7	2.5	3.3	U.S.
Sewing machines, parts and attachments	6.7	6.6	7.5	6.4	U.S.
Washing machines electric, domestic	6.1	5.8	5.1	3.7	U.S.
Clothes dryers and parts	4.4	3.9	3.4	2.8	U.S.
Loading machinery and conveyors for mines	14.8	10.1	10.5	3.0	U.S.
Rock drills and parts	2.2	2.3	2.1	2.6	U.S.
Well drilling machinery	38.3	35.8	34.7	17.5	U.S.
Adding machines and parts	2.7	2.5	3.4	2.9	U.S.
Bookkeeping machines and parts	19.3	23.2	29.6	32.5	U.S.
Cash registers and parts	4.1	3.2	6.7	4.0	U.S.
Dictating machines and parts	2.3	2.0	2.3	2.7	U.S.
Typewriters and parts	8.1	7.9	8.5	10.8	U.S.
Paper-working machinery	13.9	15.3	14.7	16.3	U.S.
Newspaper presses and parts	8.2	1.5	3.2	4.3	U.S.
Printing presses, n.o.p., and parts	11.4	12.1	14.7	14.8	U.S.
Type-casting machines and parts	2.6	2.7	2.5	2.8	U.S.
Air compressing machinery and parts	12.5	12.5	10.3	15.5	U.S.
Bakery machinery and parts	3.4	3.7	3.4	4.3	U.S.
Cranes, hoists and parts	10.7	10.7	9.1	10.6	U.S.
Refrigerating machinery and parts	9.7	11.5	10.9	11.7	U.S.
Logging machinery and parts	9.3	8.6	6.5	5.0	U.S.
Lawnmowers, power and hand and parts	4.2	5.1	4.9	4.9	U.S.
Metal drilling machinery and parts	2.6	3.0	2.6	3.8	U.S.
Metal grinding machinery and parts	5.1	5.4	5.6	7.2	U.S.
Metalworking lathes and parts	4.9	4.6	4.8	8.5	U.S.
Metalworking presses and parts	6.3	5.0	4.7	6.5	U.S.
Metal rolling mill machinery and parts	8.7	7.7	2.8	8.9	U.S.
Metal shapers and slotters and parts	.6	.7	1.1	1.5	U.S.
Metal working machinery, n.o.p., and parts	10.5	9.6	9.7	15.2	U.S.
Metal milling machines and parts	2.3	2.9	2.9	3.5	U.S.
Motion picture projectors	4.5	4.6	3.9	3.5	U.S.
Paper mill machines and parts	6.8	8.3	10.0	8.1	U.K.
Power pumps, n.o.p., and parts	11.7	11.3	12.2	22.3	U.S.
Road-making machinery and arts	8.1	6.1	6.2	4.4	U.S.
Power shovels and parts	19.3	10.9	9.5	17.3	U.S.
Yarn, cord and fabric machinery and parts	19.9	19.6	26.2	32.3	U.S.
All machinery, n.o.p., and parts	138.6	152.2	159.0	174.3	U.S.

n.o.p. — not otherwise provided for.

IRON AND ITS PRODUCTS (continued)	1959	1960	1961	1962	major source
	(millions of dollars)				
Air conditioning apparatus and parts	11.3	12.0	13.9	16.4	U.S.
Bottling machines and parts	3.2	4.8	3.0	4.7	U.S.
Bulldozers, earthmovers and parts	17.5	13.3	11.4	12.7	U.S.
Conveying equipment and parts	9.1	6.5	6.9	7.6	U.S.
Stonecrushing machinery and parts	5.0	3.9	3.6	2.5	U.S.
Woodworking machinery and parts	8.9	7.6	7.5	8.5	U.S.
Iron hollowware	3.9	3.5	3.7	4.2	U.S.
Manufactures of tin and tinplate, n.o.p.	3.8	3.5	3.2	3.7	U.S.
Augers, bits and drills	2.5	2.5	2.7	2.9	U.K.
Wrenches	2.9	2.8	3.2	3.5	U.S.
Adzes, cleavers, hatchets and planes	1.9	1.9	1.9	2.0	U.S.
Engineers' precision tools	6.6	5.8	6.2	7.2	U.S.
Tools, n.o.p.	9.9	9.7	10.4	12.5	U.S.
Tools for use in machines	10.6	9.4	11.3	13.2	U.S.
New passenger automobiles	191.9	213.7	154.3	151.2	U.K.
Trucks	29.7	23.2	22.3	17.7	U.S.
Truck axles, brakes and clutches	29.4	28.2	26.9	37.6	U.S.
Automobile parts, n.o.p.	252.2	232.3	236.0	298.8	U.S.
Railway cars and parts — freight and passenger	5.5	3.8	2.4	3.0	U.S.
Factory and warehouse motor trucks	1.4	1.2	1.0	1.1	U.S.
Ball and roller bearings for automobiles	4.1	2.4	2.2	2.6	U.S.
Roller bearings and parts, n.o.p.	9.1	9.9	9.5	12.3	U.S.
Ball bearings and parts, n.o.p.	8.3	9.4	9.0	10.8	U.S.
Drums, cylinders, barrels and tanks	2.7	2.6	2.1	1.6	U.S.
Steel bottles for gas	1.7	1.3	1.1	1.4	U.S.
Metal furniture	9.8	9.7	9.7	8.9	U.S.
Safes and doors for vaults	1.6	1.6	1.7	.9	U.S.
Scales and balances and parts, n.o.p.	3.1	3.8	3.6	4.1	U.S.
Iron and steel valves, n.o.p.	10.9	11.5	13.6	13.8	U.S.
Gas cooking stoves	1.9	1.3	1.1	.8	U.S.
Cooking and heating apparatus, n.o.p.	10.8	9.7	10.0	9.4	U.S.
Cooking and heating apparatus parts, n.o.p.	15.9	13.3	12.9	14.2	U.S.
Industrial furnaces and parts	2.4	2.8	2.1	2.6	U.S.
Water heaters—all types, and parts	2.6	1.9	2.8	2.0	U.S.

n.o.p. — not otherwise provided for.

VI NON-FERROUS METALS AND PRODUCTS:	1959	1960	1961	1962	major source
	(millions of dollars)				
Aluminum pipe tubes, plates, sheets and strip	6.3	6.0	8.1	14.4	U.S.
Aluminum household hollow-ware	1.5	1.5	1.3	1.1	U.S.
Aluminum manufactures, n.o.p.	14.6	14.9	15.4	17.3	U.S.
Brass valves	4.9	5.0	5.0	5.6	U.S.
Brass manufactures, n.o.p.	12.8	11.5	12.1	14.8	U.S.
Nickel-plated ware, n.o.p.	2.0	1.6	2.2	1.0	U.S.
Nickel bars, rods, strips, sheets	3.2	3.8	8.2	14.4	Norway
Electro-plated and gilt-ware	14.1	13.4	14.3	6.2	U.S.
Zinc manufactures, n.o.p.	2.2	2.2	2.7	3.3	U.S.
Clocks and clock parts	2.7	2.9	2.0	2.1	U.S.
Watches and watch parts	8.6	8.6	8.3	9.7	Swz.
Electric heating apparatus, n.o.p.	2.3	2.4	2.5	2.7	U.S.
Dynamos, generators and parts, n.o.p.	10.2	9.6	6.4	9.8	U.S.
Electric motors and parts	17.5	13.6	13.1	16.4	U.S.
Electric meters and parts	2.7	2.8	2.9	5.7	U.S.
Rheostats, controllers and starters	13.2	12.8	12.8	17.7	U.S.
Electric sockets, outlets and receptacles	2.2	2.2	2.2	3.1	U.S.
Switches, switchboards and parts	12.8	11.7	11.7	18.3	U.S.
Telegraph apparatus and parts	5.1	4.8	4.8	10.8	U.S.
Telephone apparatus and parts	11.7	12.0	12.0	16.9	U.S.
Transformers and parts, n.o.p.	7.7	8.1	8.1	8.2	U.S.
Radio and T.V. tubes	7.8	7.8	7.8	9.6	U.S.
Radio tube parts	7.4	6.8	6.8	4.2	U.S.
Radio receiving sets	11.7	11.9	13.8	10.3	Japan
Radio apparatus, n.o.p.	32.8	36.4	41.3	49.8	U.S.
Electric shavers and parts	3.8	4.5	3.5	3.5	U.S.
Electric apparatus, n.o.p.	34.0	32.3	32.8	50.3	U.S.
Electric precision instruments	13.3	15.0	20.8	26.1	U.S.
Electric or gas welding apparatus	7.1	7.3	6.7	8.4	U.S.
Radio set parts	6.0	5.7	5.0	4.8	U.S.
Sound equipment, n.o.p.	3.7	4.5	4.8	6.5	U.S.
Buckles, clasps, eyelets and hooks	2.0	1.9	1.8	2.3	U.S.
Elements for lamp filaments	1.3	1.2	1.3	1.8	U.S.
Covered non-ferrous wire	7.1	7.0	6.5	4.3	U.S.
Storage batteries and parts, n.o.p.	2.1	2.1	1.9	2.0	U.S.
Fuses, fuse plugs, cutouts and parts	1.2	1.1	1.4	1.6	U.S.
Electric steam generators and parts	26.5	15.7	10.3	4.6	U.K.

VII
NON-METALLIC
MINERALS
AND PRODUCTS:

Asbestos, manufactures, n.o.p.	2.6	2.8	3.6	3.1	U.S.
Firebrick, various types	12.3	12.7	11.7	13.2	U.S.
Tableware of china and porcelain	13.9	13.3	14.1	15.1	U.K.
Artificial teeth, not mounted	1.3	1.7	1.6	1.7	U.S.
Glass carboys, bottles and jars	7.3	6.6	7.1	10.0	U.S.
Sheet glass	8.5	7.5	9.0	12.8	Belg.
Plate glass	16.4	11.7	12.8	15.7	U.S.
Glass tableware, cut glass, n.o.p.	4.6	5.2	5.6	5.1	U.S.

n.o.p. — not otherwise provided for.

NON-METALLIC MINERALS AND PRODUCTS (continued)	1959	1960	1961	1962	major source
		(millions of dollars)			
Lamp bulbs and tubing	2.8	2.8	2.9	3.6	U.S.
Moulded shapes for electric fixtures	2.2	2.5	2.5	3.1	U.S.
Mirrors of glass	1.8	1.8	1.8	1.9	U.S.
Manufactures of glass, n.o.p.	3.4	3.7	3.8	4.1	U.S.
Aviation gasoline	17.5	10.3	6.3	4.2	Neth.
Light fuel oils, Nos. 2 and 3	29.6	21.7	23.4	17.3	Neth. Ant.
Heavy fuel oils, Nos. 4, 5 and 6	23.6	24.1	18.9	24.5	Neth. Ant.
Diesel fuel	5.5	8.3	7.7	8.8	Ven.
Grinding wheels, bonded	2.2	1.9	2.0	2.3	U.S.
Portland cement	.9	.7	.4	.4	U.S.
Heat resisting glassware	5.9	6.4	6.9	7.3	U.S.

VIII
CHEMICALS AND
ALLIED PRODUCTS:

Cellulose acetate photo film	1.5	1.1	.9	.9	U.S.
Antibiotics	6.4	5.3	6.0	4.7	U.S.
Disinfectants	11.2	11.1	13.8	13.4	U.S.
Medicinal preparations	10.1	9.9	10.5	10.2	U.S.
Chemical compounds for dyeing, tanning, n.o.p.	1.4	1.2	2.3	.6	U.S.
Nitrogen solution	1.2	1.2	1.8	.5	U.S.
Superphosphate	5.5	2.2	2.2	2.0	U.S.
Carbon black	2.7	2.0	1.7	2.1	U.S.
Chlorine liquid, chlorine gas	1.5	1.6	1.7	2.0	U.S.
Sodium compounds, n.o.p.	2.4	2.9	3.2	2.8	U.S.
Printing ink	1.3	1.5	1.6	1.7	U.S.
Other drugs, chemicals, n.o.p.	80.4	78.4	86.2	87.9	U.S.
Weed killing preparations	2.8	4.7	6.1	5.3	U.S.
Caustic soda in solution	1.7	2.0	1.9	3.0	U.S.
Materials for plastics, n.o.p.	13.4	18.1	18.7	21.2	U.S.
Butadeine	1.7	2.9	3.0	2.0	U.S.
Petroleum refining catalysts	2.7	1.9	2.3	1.9	U.S.
*Potash, muriate of				4.4	U.S.
*Triple superphosphate				2.8	U.S.
*Titanium dioxide				5.7	U.K.
*Artists' and children's colors				1.1	U.S.
*Washing and cleaning preparations, n.o.p.				3.7	U.S.
*Chemicals for synthetic resins				2.3	U.S.
*Plastic manufactures, n.o.p.				30.5	U.S.
*Polystyrene resins, n.o.p.				2.7	U.S.
*Acrylic resins				4.2	U.S.
*Vinyl chloride resins				6.2	U.S.
*Polyethylene film and sheet				2.3	U.S.
*Acrylic film and sheet				3.6	U.S.
*Vinyl film and sheet, n.o.p.				3.7	U.S.
*Plastic film and sheet, n.o.p.				4.7	U.S.
Vinyl Butyral film and sheet	1.1	.9	1.0	1.4	U.S.
*Titanium dioxide extended				2.4	U.S.
*Paints, n.o.p.				2.2	U.S.
*Lacquers				1.5	U.S.

n.o.p. — not otherwise provided for.

* Due to reclassification, annual totals are not available prior to 1962.

IX MISCELLANEOUS COMMODITIES:	1959	1960	1961	1962	major source
		(millions of dollars)			
X-ray films	3.7	4.1	4.9	5.4	U.S.
Photographers' films	6.3	5.4	6.9	6.9	U.S.
Mechanical toys of metal	2.7	2.8	2.5	2.3	U.S.
Toys of all kinds, n.o.p.	9.0	8.6	9.3	9.4	U.S.
Sportsmen's fishing tackle, n.o.p.	4.6	3.6	3.9	3.7	U.S.
Buttons, n.o.p.	1.5	1.4	1.7	1.7	U.S.
Appliances and parts for the deaf	2.7	2.8	2.8	3.0	U.S.
Jewellery, n.o.p.	5.1	5.2	5.6	5.6	U.S.
Pocketbooks, portfolios and purses	7.9	9.2	2.6	2.3	U.S.
Electric refrigerators, n.o.p.	15.8	11.4	10.5	7.4	U.S.
Refrigerator parts	14.8	13.0	12.6	14.7	U.S.
Spectacle frames and parts, n.o.p.	3.4	3.3	3.3	3.4	U.S.
Electric, farm or home freezers	7.0	4.5	2.9	2.1	U.S.
X-ray apparatus	4.0	5.0	4.6	6.1	U.S.
Cameras and camera parts, n.o.p.	7.7	8.0	8.0	7.1	U.S.
Operating room equipment	4.6	4.8	6.1	6.4	U.S.
Dental instruments	2.6	2.7	2.6	2.5	U.S.
Optical and philosophical instruments	5.3	5.1	5.9	5.6	U.S.
Surgical instruments	7.6	8.6	10.6	12.0	U.S.
Aircraft parts (except engines and parts)	57.6	76.7	118.8	105.7	U.S.
Aircraft	19.1	39.8	98.1	96.0	U.S.
Photographic accessories, parts	6.5	6.5	6.5	10.5	U.S.
Thermometers	1.5	1.4	1.4	1.5	U.S.
Wheelbarrows, hand trucks, carts	1.5	1.4	1.4	1.4	U.S.
Miners' rescue apparatus	2.4	2.5	2.5	3.0	U.S.

n.o.p. — not otherwise provided for.

Statistics for profit

Fabrication gaps in Canadian industry
United Kingdom imports
and possible Canadian export opportunities
United States imports
and possible Canadian export opportunities

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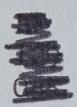
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